

Owner's Manual

CM-325

COLOR VIDEO MONITOR

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AOC

OPERATING INSTRUCTIONS

Before operating the monitor please read this manual thoroughly. This manual should be retained for future reference.

FCC RADIO FREQUENCY INTERFERENCE STATEMENT

WARNING: (FOR FCC CERTIFIED MODELS)

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- 1. Reorient or relocate the receiving antenna.*
- 2. Increase the separation between the equipment and receiver.*
- 3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*
- 4. Consult the dealer or an experienced radio/TV technician for help.*

NOTE:

This equipment has been type tested to comply with the limits for class B computing devices only with shielded signal cable. Operation with non-shielded signal cable is prohibited, as it is likely to result in interference to radio and TV reception.

To prevent the interference to radio and television reception, be sure to secure all cable(s)/interface connector(s) between personal computer and all peripherals properly by tightening the screws or the like which is attached to cable/connector when install the system.

NOTICE

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. It is the responsibilities of the user to correct such interference.

WARNING

To prevent fire or shock hazard, do not expose the monitor to rain or moisture.

Dangerously high voltages are present inside the monitor. Do not open the cabinet. Refer servicing to qualified personnel only.

POWER SOURCE

House current operation.

Insert the plug of the AC power cord into a convenient AC wall outlet with line voltage exactly the same as the voltage indicated on the rear panel.

PRECAUTIONS

- * When operating on the line cord, plug in only to AC outlets with line voltage exactly same as the voltage indicated on the rear panel.*
- * Should any liquid or solid object fall into the cabinet, unplug the monitor and have it checked by qualified personnel before operating it further.*
- * Allow adequate air circulation to prevent internal heat build-up. Do not place the monitor set on soft surfaces (rugs, blankets, etc.) or near materials (curtain, draperies) that may block the ventilation holes.*
- * Do not attempt to make any of the adjustments at the small holes on the bottom of the monitor. These are special adjustments to be performed only by qualified personnel, to be used for an extended period of time.*
- * To disconnect the cord, pull it out by the plug. Never pull the cord itself.*

SPECIFICATIONS

<i>CRT</i>	<i>14" (13V) 90° deflection, 29mm neck, 0.28mm dot pitch non-glare screen.</i>
<i>Display Color</i>	<i>Unlimited Colors</i>
<i>External Controls</i>	<i>Power ON/OFF, Contrast, Brightness, H. Center, V. Hold, V. Size, V. Center, Preset Switch</i>
<i>Scanning Frequencies</i>	
<i>o Horizontal</i>	<i>30KHz - 38KHz automatically</i>
<i>o Vertical</i>	<i>50Hz - 90Hz</i>
<i>Display size</i>	
<i>o Horizontal</i>	<i>240 +/- 2mm</i>
<i>o Vertical</i>	<i>180 +/- 2mm</i>
<i>Misconvergence</i>	
<i>o Center</i>	<i>0.3mm Max.</i>
<i>o Corner</i>	<i>0.4mm Max.</i>
<i>Pixel Rate</i>	<i>45MHz</i>
<i>Power Source</i>	<i>Switching mode power supply AC 90V - 264V, 50Hz/60Hz.</i>
<i>Operating Temperature</i>	<i>-5°C to 50°C ambient</i>
<i>Humidity</i>	<i>10% to 85% relative, non-condensing</i>
<i>Weight</i>	<i>13.5Kgs (Net), 15.2Kgs (Gross)</i>
<i>Dimension</i>	<i>Approx. 372 x 380 x 385 mm (W x H x D)</i>
<i>External Connection</i>	<i>15 Pin D-type connector</i>

Input Signal

I. Preset SW ON: Used for IBM VGA timing & 8514/A timing.

	MODE			
	1	2	3	4
o Video Signal	0.7Vp-p Analog	0.7Vp-p Analog	0.7Vp-p Analog	0.7Vp-p Analog
o Horizontal Sync.	TTL Level Positive	TTL Level Negative	TTL Level Negative	TTL Level Positive
o Vertical Sync.	TTL Level Negative	TTL Level Positive	TTL Level Negative	TTL Level Positive
o Resolution (H x V)	720 x 350	720 x 400	640 x 480	1024 x 768

II. Preset SW OFF: All timing that meet scanning frequency specification.

- o Video signal 0.7Vp-p Analog/75 ohm
- o Sync. signal - Separate Sync. TTL Level
 - Horizontal Sync. Positive/Negative
 - Vertical Sync. Positive/Negative

OPERATION

- * The power cord should be connected.
- * Connect cable from monitor to D-type input jack.
- * To turn the monitor on, press the POWER switch to ON position and then the power indicator will light up.
- * Your monitor features a unique quickswitch system which provides a picture within seconds after the monitor is switched on. Unlike conventional instant-picture system, there is absolutely no power consumption when the monitor is not in use.
- * Adjust the BRIGHTNESS and CONTRAST controls to obtain optimum display quality.

NOTICE

- * Do not install the monitor in a location near heat sources such as radiators or airducts, or in a place subject to direct sunlight, or excessive dust or mechanical vibration or shock.
- * Save the original shipping carton and packing material, they will come in handy if you ever have to ship your monitor.

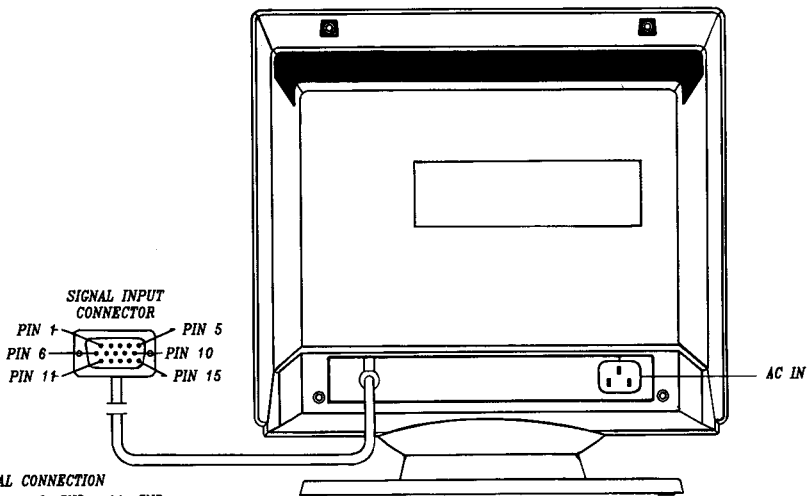
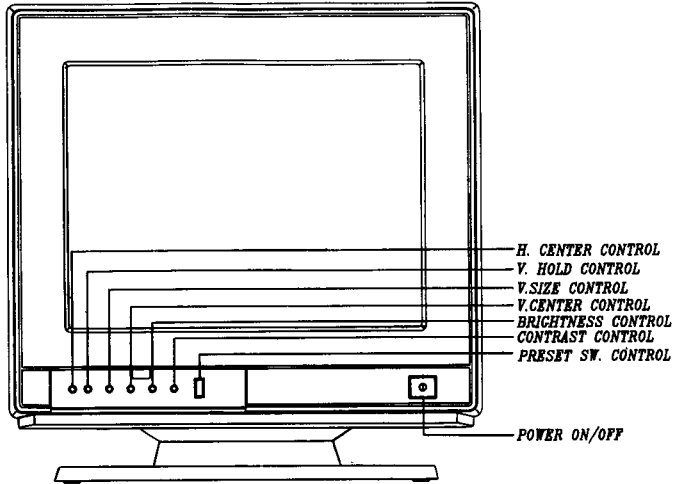
For maximum protection, repack your monitor as it was originally packed at the factory.

- * To keep the monitor looking brand-new, periodically clean it with a soft cloth, stubborn stains may be removed with a cloth lightly dampened with a mild detergent solution. Never use strong solvents such as thinner or benzene or abrasive cleaners, since these will damage the cabinet. As a safety precaution, always unplug the monitor before cleaning it.

TO ADJUST THE PICTURE

- * If the picture is too bright or too dark, adjust the BRIGHTNESS CONTROL.
- * If the picture contrast is too strong, too weak or overshoot, adjust the CONTRAST CONTROL.
- * If the picture moves up or down or rolls, adjust the V-HOLD CONTROL.
- * If the height of picture is not suitable, adjust V-SIZE CONTROL.
- * If the picture is not on the center of the screen, adjust H-CENTER CONTROL or V-CENTER CONTROL.

LOCATION OF CONTROLS



SIGNAL CONNECTION

- | | | |
|---------|---------|------------|
| 1. R | 6. GND | 11. GND |
| 2. G | 7. GND | 12. NC |
| 3. B | 8. GND | 13. H-SYNC |
| 4. GND | 9. NC | 14. V-SYNC |
| 5. TEST | 10. GND | 15. NC |

